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A one-pot, three component synthesis of ketenimines under solvent-free conditions

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An efficient one-pot synthesis and insecticidal activity of 2-amino-4-[aryl or alkyl]-4H-chromene-3-carbonitrile derivatives

pp 1183-1186

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$$\begin{array}{c} O \\ H_{3}C \end{array} + \begin{array}{c} O \\ + \\ CN \\ H_{3}C \end{array} \\ \begin{array}{c} O \\ + \\ CN \\ H_{3}C \end{array} \\ \begin{array}{c} O \\ + \\ CH_{3} \end{array}$$

Lime juice as an efficient and green catalyst for the synthesis of 6-amino-4- aryl-3-methyl-1,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile derivatives

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NH₂NHR +
$$H_3$$
C OEt + Ar O + NC CN $=$ lime juice (2ml) NC N $=$ NC N $=$

Bismuth (III) bromide, catalyzed synthesis of new benzoin ethers

pp 1193-1196

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$$n$$
-Butanol + Ph O P

A green and novel three-component one-pot synthesis of tetrahydrobenzopyran, pyrano[2,3-d]pyrimidine, and 3,4-dihydropyrano[c]chromene derivatives using sodium acetate

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A convenient and simple synthetic route to dihydropyrimido[4,5-d]pyrimidinetriones pp 1203-1209 catalyzed by ZnO nanoparticle thin-film

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Efficient and easy Knoevenagel condensation of arylaldehydes with ethyl pp 1211-1216 cyanocinnamate/thiazolidindione catalyzed by KF-Al₂O₃

Alireza Salimi Beni a*, Masoumeh Azaria, Alireza Najafi Chermahini and Maryam Zarandi

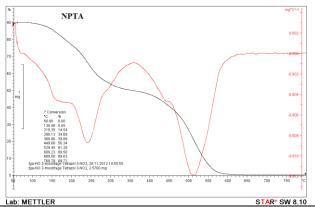
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Synthesis and characterization of new 5-substituted 1H-tetrazoles in water: a pp 1217-1220 greener approach

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One-pot three-component synthesis of α -amino phosphonates using 2,3- pp 1221-1226 dibromosuccinic acid as catalyst under solvent-free conditions

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$$Ar^{1}$$
 H $+$ Ar^{2} H $+$ RO P OR $2,3$ -Dibromosuccinic acid (1 mol %) Ar^{1} P OR RO OR Ar^{1} P OR RO OR Ar^{2} Ar^{3} Ar^{4} $Ar^{$

Synthesis and *in-vitro* antimicrobial activity of aminomethylene bisphosphonates pp 1227-1234

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